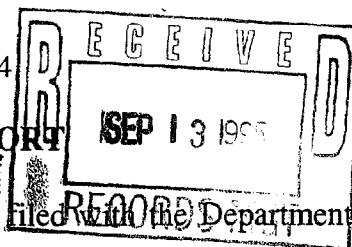


ARIZONA DEPARTMENT OF WATER RESOURCES

Operations Division
500 North 3rd Street
Phoenix, Arizona 85004

*

WELL DRILLER REPORT



This report should be prepared by the driller in all detail and filed with the Department within 30 days following completion of the well.

- Owner Name: MAGNA COPPER COMPANY
Address: 14605 E. HUNT HIGHWAY FLORENCE AZ 85232
Street City State Zip
- Driller Name: STEWART BROTHERS DRILLING CO.
Address: P.O. Box 2067 MILAN N.M. 87021
Street City State Zip
- Location: 4 N/S 9 E/W 28 1/4 NW 1/4 NW 1/4 SE
Township Range Section 10-acre 40-acre 160-acre
- Well Registration No. 55- 549164 (Required)
- Permit No. _____ (If issued)

DESCRIPTION OF WELL

- Total depth of hole 610 ft.
- Type of casing 4 1/2" Sch. 40 LCS, 4 1/2" Sch. 80 PVC
- Diameter and length of casing 4 1/2" in. from -1.5' to 401.5', 4 1/2" in from 579.2' to 599.5'
- Method of sealing at reduction points _____
- Perforated from _____ to _____, from _____ to _____ from _____ to _____
- Size of cuts _____ Number of cuts per foot _____
- If screen was installed: Length 177.7 ft. Diam 4 1/2 in. Type Sch. 80 PVC, 0.080"
- Method of construction DRILLED Slot
(drilled, dug, driven, bored, jetted, etc)
- Date started AUGUST 25 1995
Month Day Year
- Date completed AUGUST 26 1995
Month Day Year
- Depth to water 141 ft. (If flowing well, so state)
- Describe point from which depth measurements were made, and give sea-level elevation if available
from top of casing
- If flowing well, state method of flow regulation: _____

19. Remarks: _____

DO NOT WRITE IN THIS SPACE OFFICE RECORD

Registration No. 55-549164
File No. D(4-9)28DBB
Received _____ By _____
Entered ENTERED SEP 13 1995

LOG OF WELL

Indicate depth at which water was first encountered, and the depth and thickness of water bearing beds. If water is artesian, indicate depth at which encountered, and depth to which it rose in well.

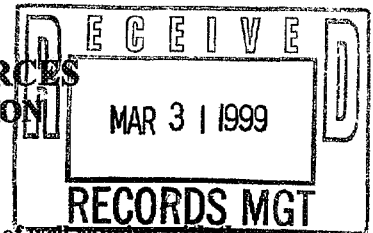
[illegible]

I hereby certify that this well was drilled by me (or under my supervision), and that each and all statements herein contained are true to the best of my knowledge and belief.

Driller Name: Laurel A. Stewart
9/11/95 P.O. Box 2067
 Street Millon Rd 87021 505-287-2986
 City State Zip Phone No.
9/11/95
 Date

080

ARIZONA DEPARTMENT OF WATER RESOURCES
GROUNDWATER MANAGEMENT SUPPORT SECTION
 P O BOX 458, PHOENIX, ARIZONA 85001-0458
 PHONE: (602) 417-2470



Arizona Revised Statute §45-594 and A.A.C. R12-822: The owner of an open well shall file a notice of well capping with the Department in writing no later than five days after the well is capped.

NOTICE OF WELL CAPPING

1. LEGAL DESCRIPTION OF THE LOCATION OF WELL:

a. Township 4S
 b. Range 9E
 c. Section 28
nw $\frac{1}{4}$ nw $\frac{1}{4}$ SE $\frac{1}{4}$
 10 Acre 40 Acre 160 Acre

2. WELL REGISTRATION NUMBER:

55- 549164

File No: 0(49)28dbb

3. OWNER OF THE WELL:

BHP Copper
 Name
14605 East Hunt Hwy
 Address
Florence AZ 85232
 City State Zip
(520) 868-5090
 Telephone Number

4. PERSON INSTALLING THE CAP:

Richard Sichling
 Name
14605 East Hunt Hwy
 Address
Florence AZ 85232
 City State Zip
(520) 868-5311
 Telephone Number

5. DATE WELL WAS CAPPED:

1996

6. METHOD OF CAPPING:

① Watertight well
cap ② Vault with
locking cap

7. TYPE AND DIAMETER OF CASING:

Type of Well Casing: Sch 40
LCs, Sch 80 PVC
 Diameter of Well Casing: 4 1/2"

8. COMMENTS

I state that this Notice is filed in compliance with A.R.S. §45-594 and A.A.C. R12-15-822, and is complete and correct to the best of my knowledge and belief.

9. Signature

R. Hoag

Date

3/30/99

ARIZONA DEPARTMENT OF WATER RESOURCES

Operations Division, 500 North Third Street
Phoenix, Arizona 85004 Telephone (602) 417-2470

3. REQUEST TO CHANGE WELL DRILLER \$10.00 FEE REQUIRED FOR EACH WELL

This request must be received by this Department and the Drill Card issued to the new drilling firm PRIOR to the drilling or completion of any well.

Well Registration No. 55- 549164 File No. D(4-9)28 dbb

ARIZONA BEEMAN DRILLING LLC.
Original Well Driller

P.O. Box 3370
APACHE JUNCTION, AZ 85217
Mailing Address

360
ADWR License Number

CLASS A-04 - 102429
R.O.C. License Number

STEWART BROTHERS DRILLING CO.
New Well Driller

P.O. Box 2067
MILAN, N.M. 87021
Mailing Address

314
ADWR License Number

A04 - LIC # 075371
R.O.C. License Number

JOHN T. Kline John T. Kline 7/13/95
Typed or Printed Name of Well Owner Signature of Well Owner Date

The fee charge for well ownership and reissue of drill card is authorized by R12-15-151, effective June 30, 1994.

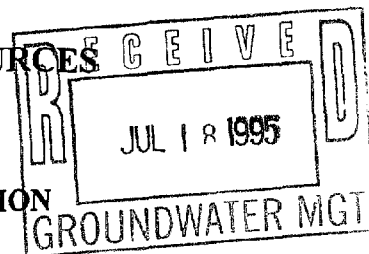
DWR-55-71-8/94(Rev)

ENTERED AUG 4 1995

08-0

ARIZONA DEPARTMENT OF WATER RESOURCES

Operations Division, 500 North Third Street
Phoenix, Arizona 85004 Telephone (602) 417-2470



REQUEST FORM TO CHANGE WELL INFORMATION OWNERSHIP * DRILLER

Please complete the appropriate section of this request form and return to the above address with applicable fee. **NOTE:** A.R.S. §45-593.C. requires that the Department be notified of change of well ownership and that the new owner is required to keep the Department's Well Registration records current and accurate. Well data and ownership changes must be submitted within thirty (30) days after changes take place.

SAVE THIS FORM TO REPORT FUTURE CHANGES IN OWNERSHIP, CHANGES IN ADDRESS, OR CHANGE IN WELL DATA SUCH AS PUMP CAPACITY, CORRECTION OF LEGAL DESCRIPTION, CHANGE OF WELL DRILLER AND AMENDING INFORMATION PREVIOUSLY FILED.

1. CHANGE OF WELL INFORMATION

NO FEE REQUIRED

NOTE: If the location of the proposed well changes after drilling authority has been issued, attach a \$10.00 reissue fee for each well.

Well Registration No. 55-_____ File No. _____ (If known)

I/We request the following well information be changed: _____

Date _____ Signature of Current Well Owner _____

2. STATEMENT OF CHANGE OF WELL OWNERSHIP

\$10.00 FEE REQUIRED

If this change consists of more than one well and the names are common: attach a \$10.00 fee. Otherwise, each well requires a separate \$10.00.

I, _____, state that I am the **Previous/New Owner** of the well described below:

_____ 1/4 _____ 1/4 _____ 1/4; Section _____ Township _____ Range _____
10 acre 40 acre 160 acre

Well Registration No. 55-_____ File No. _____ (If known)

PRINT Previous Owner's Name _____

PRINT New Owner's Name _____

Mailing Address _____

Mailing Address _____

City _____ State _____ Zip _____

City _____ State _____ Zip _____

Telephone _____

Telephone _____

Date _____ Signature of Previous/New Well Owner _____

DWR-55-71-8/94(Rev)

ARIZONA DEPARTMENT OF WATER RESOURCES

Operations Division, 500 North Third Street
Phoenix, Arizona 85004 Telephone (602) 417-2470

REQUEST FORM TO CHANGE WELL INFORMATION OWNERSHIP * DRILLER

Please complete the appropriate section of this request form and return to the above address with applicable fee. **NOTE:** A.R.S. §45-593.C. requires that the Department be notified of change of well ownership and that the new owner is required to keep the Department's Well Registration records current and accurate. Well data and ownership changes must be submitted within thirty (30) days after changes take place.

SAVE THIS FORM TO REPORT FUTURE CHANGES IN OWNERSHIP, CHANGES IN ADDRESS, OR CHANGE IN WELL DATA SUCH AS PUMP CAPACITY, CORRECTION OF LEGAL DESCRIPTION, CHANGE OF WELL DRILLER AND AMENDING INFORMATION PREVIOUSLY FILED.

1. CHANGE OF WELL INFORMATION

NO FEE REQUIRED

NOTE: If the location of the proposed well changes after drilling authority has been issued, attach a \$10.00 reissue fee for each well.

Well Registration No. 55- 549164 File No. D(4-9)28 ddb (If known)

I/We request the following well information be changed: (1) well location; change from

NE 1/4 (10 ACRE) TO NW 1/4 (10 ACRE); NE 1/4 (40 ACRE) TO NW 1/4 (40 ACRE)

Therefore change file # to D(4-9)28 ddb

Date 5/31/95 Signature of Current Well Owner John P. Kline

2. STATEMENT OF CHANGE OF WELL OWNERSHIP

\$10.00 FEE REQUIRED

If this change consists of more than one well and the names are common: attach a \$10.00 fee. Otherwise, each well requires a separate \$10.00.

ENTERED JUN 23 1995

I, _____, state that I am the Previous/New Owner of the well described below:

_____ 1/4 _____ 1/4 _____ 1/4; Section _____ Township _____ Range _____
10 acre 40 acre 160 acre

Well Registration No. 55- _____ File No. _____ (If known)

PRINT Previous Owner's Name

PRINT New Owner's Name

Mailing Address

Mailing Address

City _____ State _____ Zip _____

City _____ State _____ Zip _____

Telephone

Telephone

Date _____ Signature of Previous/New Well Owner _____

DWR-55-71-8/94(Rev)

WC0100

ARIZONA DEPARTMENT OF WATER RESOURCES

TODAYS DATE 07/20/95

DRILLER CARDS UPDATE

POSTING DATE 06/14/95

WELL REG NO: 55- 549164 THRU 55-

REISSUE (Y): Y VARIANCE (Y):

DRILLER NUMBER: 360 NAME: AZ BEEMAN DRILLING

PERMIT TYPE : 02 NOTICE OF INTENTION TO

INSIDE AMA:

PERMIT ACTION: 01 DRILL

REPLACE WELL REG NO:

WELL TYPE : 10 A MONITOR WELL

OWNER OF WELL: MAGMA COPPER COMPANY

ADDRESS: 14605 WEST HUNT HIGHWAY

CITY: FLORENCE

STATE: AZ ZIP: 85232

LOCATION OF WELL(S): QUARTERS SECT TOWNSHP RANGE

10 40 160

NW NW SE 28 4.0 N 9.0 E

NUMBER OF WELLS:

-----OR-----

ASSOC. RIGHT NO:

PERMIT EXPIRES ON: 03 30 1996

UPDATED ON 06/14/1995 BY OPRSNV

PF1 HELP 2 ADD MODE

3 EXIT

7 PRIOR WELL 8 NEXT WELL

11 CODES

12 DELETE

NEXT WELL REG NO SELECTED

ARIZONA DEPARTMENT OF WATER RESOURCES
GROUNDWATER MANAGEMENT SUPPORT SECTION
500 North Third Street
Phoenix, Arizona 85004-3903

REISSUE

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILL OPERATIONS

WELL REGISTRATION NO: 55-549164 THRU 55-549166

AUTHORIZED DRILLER: STEWART BROTHERS DRILLING LICENSE NO: 314

NOTICE OF INTENTION TO DRILL A MONITOR WELL HAS BEEN FILED WITH THE DEPARTMENT BY:

WELL OWNER: MAGMA COPPER COMPANY

The well(s) is/are to be located in the:

NW 1/4 of the NW 1/4 of the SE 1/4 Section 28 Township 4 SOUTH Range 9 EAST

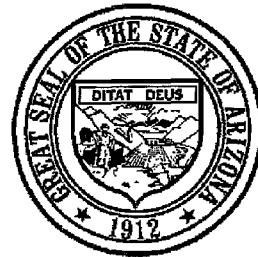
No. of wells in this project: 3

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE 30TH DAY OF MARCH, 1996.



CHIEF, GROUNDWATER MANAGEMENT SUPPORT

THE DRILLER MUST FILE A LOG OF THE WELL
WITHIN 30 DAYS OF COMPLETION OF DRILLING



**ARIZONA DEPARTMENT OF WATER RESOURCES
GROUNDWATER MANAGEMENT SUPPORT SECTION**
500 North Third Street, Phoenix, Arizona 85004-3903
Phone (602) 417-2470 Fax (602) 417-2422

**REQUEST FORM TO CHANGE WELL INFORMATION
OWNERSHIP * DRILLER * VARIANCE**

Please complete the appropriate section of this request form and return to the above address with applicable fee.
NOTE: A.R.S. § 45-593.C requires that the Department be notified of change of well ownership and that the new owner is required to keep the Department's Well Registration records current and accurate. Well data and ownership changes must be submitted within thirty days after changes take place.

SAVE THIS FORM TO REPORT FUTURE CHANGES IN OWNERSHIP, CHANGES IN ADDRESS, OR CHANGE IN WELL DATA SUCH AS PUMP CAPACITY, CORRECTION OF LEGAL DESCRIPTION, CHANGE OF WELL DRILLER AND AMENDING INFORMATION PREVIOUSLY FILED.

1. CHANGE OF WELL INFORMATION: (NO FEE REQUIRED)

NOTE: If the location of the proposed well changes after drilling authority has been issued, attach a \$10.00 reissue fee for each well.

WELL REGISTRATION NO. 55- 549164 FILE NO: D(4-9)28 DBB

If known, I/We request the following well information be changed: _____

NAME CHANGE ONLY

Date _____ Signature of Current Well Owner _____

2. STATEMENT OF CHANGE OF WELL OWNERSHIP: (\$10.00 FEE REQUIRED)

NOTE: If this change consists of more than one well and the names are common: attach a \$10.00 fee. Otherwise, each well requires a separate fee of \$10.00.

I, _____, state that I am the Previous/New Owner of the well described below:

1/4 1/4 1/4 of Section _____ Township _____ Range _____
10 Acre 40 Acre 160 Acre

Well Registration No. 55- See attached File No.: _____ (if known)

Magma Copper Company
PRINT Previous Owner's Name

BHP Copper Inc.
PRINT New Owner's Name

7400 North Oracle Road, Suite 200
Mailing Address

7400 North Oracle Road, Suite 200
Mailing Address

Tucson Arizona 85704
City State Zip

Tucson Arizona 85704
City State Zip

520-575-5600
Telephone Number

520-575-5600
Telephone Number

Signature of Previous/New Well Owner By: [Signature]
Title: Land Manager

Date 4-23-98

ENTERED MAY - 7 1998
MAC

**ARIZONA DEPARTMENT OF WATER RESOURCES
GROUNDWATER MANAGEMENT SUPPORT SECTION**

500 North Third Street, Phoenix, Arizona 85004-3903

Phone (602) 417-2470 Fax (602) 417-2422

3. REQUEST TO CHANGE WELL DRILLER \$10.00 FEE REQUIRED FOR EACH WELL

This request must be received by this Department and the Drill Card issued to the new drilling firm prior to the drilling or completion of any well.

Well Registration No. 55- _____ File No: _____

Original Well Driller

New Well Driller

Mailing Address

Mailing Address

Telephone Number

Telephone Number

ADWR License Number

ADWR License Number

R.O.C. License Category

R.O.C. License Category

Typed or Printed Name of Well Owner

Signature of Well Owner

Date

The fee charge for well ownership and reissue of drill card is authorized by R12-15-151, effective June 30, 1994.

4. REISSUE OF DRILLING AUTHORITY FOR VARIANCE REQUEST: (\$10.00 EACH WELL)

NOTE: If extraordinary or unusual conditions exist, after the initial drilling authority has been issued, the well owner or well driller may request a variance from the provisions of R12-15-811.

WELL REGISTRATION NO. 55- _____ FILE NO: _____

I/WE REQUEST THE FOLLOWING WELL DRILLING AUTHORITY BE REISSUED PER THE ATTACHED VARIANCE REQUEST:

Signature of Well Owner/Well Driller _____ Date _____

NAME: MAGMA COPPER CO

GRID: D 10

REPORT NO: WL9020

ARIZONA DEPARTMENT OF WATER RESOURCES WELL REPORT
OPERATIONS DIVISION

PAGE 5,088

REPORT DATE: 1/31/96

**** WELLS SEQUENCED BY ALPHABETICAL ORDER ****

FULL-NAME	Q U A D	T O W N	R N G E	S E C T	Q T R 1 2 3	REG NO	WELL DEPTH	DEPTH CASED	CD AI SA EM	WATER LEVEL	PUMP (GPM)	WELL DRILL DATE	DRL LIC NO.	WTR USE	WS AH TE RD	L O R G T	C O R T	O W N
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	D	4.0	9.0	28	C C A	55-549160	1330	1315	04	0151		6/30/1995	360	M	U8	X	N	
AZ 85232																		
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	D	4.0	9.0	28	C C A	55-549161	0500	0491	06	0155		7/03/1995	360	M	U8	X	N	
AZ 85232																		
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	D	4.0	9.0	28	C C A	55-549162	1132	1019	05	0159	00000	6/18/1995	360	M	15	X	N	
AZ 85232																		
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	D	4.0	9.0	28	D B B	55-549164	0610	0599	04	0141		8/26/1995	314	M	U8	X	N	
AZ 85232																		
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	D	4.0	9.0	28	D B B	55-549165	0270	0261	04	0141		8/16/1995	314	M	U8	X	N	
AZ 85232																		
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	D	4.0	9.0	28	D A A	55-549166	0616	0600	06	0140		8/14/1995	314	M	U8	X	N	
AZ 85232																		
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	D	4.0	9.0	28	D A A	55-549167	0270	0258	06	0141		8/25/1995	314	M	U8	X	N	
AZ 85232																		
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	D	4.0	9.0	28	C D C	55-549169							360	M	15	I	N	
AZ 85232																		
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	D	4.0	9.0	28	C D C	55-549170	0395	0385	05	0131		5/11/1995	360	M	15	X	N	
AZ 85232																		
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	D	4.0	9.0	28	C D C	55-549171	0999	0980	06	0131		5/09/1995	360	M	15	X	N	
AZ 85232																		
MAGMA COPPER CO 14605 W HUNT HWY FLORENCE	D	4.0	9.0	28	C D C	55-549172	0950	0858	05	0159	00014	6/02/1995	314	M	U8	X	X	
AZ 85232																		

NAM

REPOR

REPOR

MAGNA
BOX 2
YUMAMAGNE
3701
PHOENMAGNE
PO BO
PEARCMAGNI
ST RT
PAYSOIMAGNI
603 W
MC HEMAGNU
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08-0

ARIZONA DEPARTMENT OF WATER RESOURCES

Operations Division, 500 North Third Street
Phoenix, Arizona 85004 Telephone (602) 417-2470

3. REQUEST TO CHANGE WELL DRILLER \$10.00 FEE REQUIRED FOR EACH WELL

This request must be received by this Department and the Drill Card issued to the new drilling firm PRIOR to the drilling or completion of any well.

Well Registration No. 55- 549164 File No. DC(4-9)28 ^{DBB} _{daa}

BOYLES BROTHERS DRILLING
Original Well Driller

ARIZONA BEEMAN DRILLING LLC.
New Well Driller

6527 W. NORTHVIEW AVE.
Mailing Address GLENDALE, AZ 85301

P.O. Box 3370 APACHE JUNCTION, AZ. 85217
Mailing Address

28
ADWR License Number

360
ADWR License Number

CLASS A-04 - 076 - 386 - 002
R.O.C. License Number

CLASS A-04 - 102429
R.O.C. License Number

JOHN T. KLINE John T. Kline 5/31/95
Typed or Printed Name of Well Owner Signature of Well Owner Date

The fee charge for well ownership and reissue of drill card is authorized by R12-15-151, effective June 30, 1994.

DWR-55-71-8/94(Rev)

ENTERED JUN 20 1995

JUN 6 1995

08-0

ARIZONA DEPARTMENT OF WATER RESOURCES

Operations Division, 500 North Third Street
Phoenix, Arizona 85004 Telephone (602) 417-2470

REQUEST FORM TO CHANGE WELL INFORMATION OWNERSHIP * DRILLER

Please complete the appropriate section of this request form and return to the above address with applicable fee. **NOTE:** A.R.S. §45-593.C. requires that the Department be notified of change of well ownership and that the new owner is required to keep the Department's Well Registration records current and accurate. Well data and ownership changes must be submitted within thirty (30) days after changes take place.

SAVE THIS FORM TO REPORT FUTURE CHANGES IN OWNERSHIP, CHANGES IN ADDRESS, OR CHANGE IN WELL DATA SUCH AS PUMP CAPACITY, CORRECTION OF LEGAL DESCRIPTION, CHANGE OF WELL DRILLER AND AMENDING INFORMATION PREVIOUSLY FILED.

1. CHANGE OF WELL INFORMATION

NO FEE REQUIRED

NOTE: If the location of the proposed well changes after drilling authority has been issued, attach a \$10.00 reissue fee for each well.

Well Registration No. 55- 549164 File No. D(4-9)28daa (If known)

I/We request the following well information be changed: (1) well location; change from
NE 1/4 (10 acre) to NW 1/4 (10 acre); NE 1/4 (40 acre) to NW 1/4 (40 acre)
therefore change file # to D(4-9)28d66

Date 5/31/95 Signature of Current Well Owner John P. Kline

2. STATEMENT OF CHANGE OF WELL OWNERSHIP

\$10.00 FEE REQUIRED

If this change consists of more than one well and the names are common: attach a \$10.00 fee. Otherwise, each well requires a separate \$10.00.

I, _____, state that I am the Previous/New Owner of the well described below:

1/4 1/4 1/4; Section _____ Township _____ Range _____
10 acre 40 acre 160 acre

Well Registration No. 55- _____ File No. _____ (If known)

PRINT Previous Owner's Name _____

PRINT New Owner's Name _____

Mailing Address _____

Mailing Address _____

City _____ State _____ Zip _____

City _____ State _____ Zip _____

Telephone _____

Telephone _____

Date _____ Signature of Previous/New Well Owner _____

DWR-55-71-8/94(Rev)

**ARIZONA DEPARTMENT OF WATER RESOURCES
OPERATIONS DIVISION**

500 North Third Street
Phoenix, Arizona 85004-3903
Phone (602) 417-2470

REISSUE

DUPLICATE

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILL OPERATIONS

WELL REGISTRATION NO. 55-549164

AUTHORIZED DRILLER: AZ BEEMAN DRILLING

LICENSE NO. 380

NOTICE OF INTENTION TO DRILL A MONITOR WELL HAS BEEN FILED WITH THE DEPARTMENT BY:

Owner of Well(s)

MAGMA COPPER COMPANY

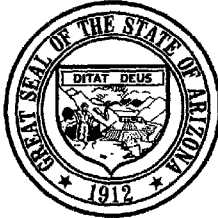
14605 WEST HUNT HIGHWAY

FLORENCE

AZ 85232

The well(s) is/are to be located in:

NW 1/4 NW1/4 SE 1/4 Section 28 Township 4.0 NORTH Range 9.0 EAST
10 acre 40 acre 160 acre



THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON MAR 30TH, 1996

THE DRILLER SHALL FILE A LOG OF THE WELL WITHIN 30 DAYS OF
COMPLETION OF DRILLING.


CHIEF, OPERATIONS DIVISION

MONITOR/PIEZOMETER WELL

FILING FEE \$10.00

ARIZONA DEPARTMENT OF WATER RESOURCES

OPERATIONS DIVISION

500 NORTH THIRD STREET

PHOENIX, ARIZONA 85004 (602) 417-2470

NOTICE OF INTENTION TO DRILL MONITOR/PIEZOMETER WELL

MONITOR/PIEZOMETER WELL

DEPARTMENT OF WATER RESOURCES

FILING FEE \$10.00

MAR 31 1995

OPERATIONS DIV.

0813-1

Section § 45-596, Arizona Revised Statutes provide: Prior to drilling a monitor or piezometer well, a Notice of Intention to Drill shall be filed with the Department.

1. WELL LOCATION:

4 N 9 E 28
Township Range Section
NE 1/4 NE 1/4 SE 1/4
10 ACRE 40 ACRE 160 ACRE

2. Position location of the well on the land:

Latitude 33 0 3 15 "

Longitude 111 0 26 15 "

3. County: PINAL

4. Owner of the land of wellsite:

MAGMA COPPER COMPANY
Name
14605 WEST HUNT HIGHWAY
Address
FLORENCE AZ 85232
City State Zip

5. Lessee of the land of wellsite:

Name
Address
City State Zip

6. Owner of well:

MAGMA COPPER COMPANY
Name
14605 WEST HUNT HIGHWAY
Address
FLORENCE AZ 85232
City State Zip

7. Consulting Firm: BROWN AND CALDWELL

Contact Person: STEVE MELLON

Phone: (602) 222-4445

8. Purpose of well drilled pursuant to this notice

Monitor ☒ XPiezometer ☐

9. If for deepening or modifying, Well Registration Number

55- _____

10. Construction will start:

APRIL 1995
Month Day Year

11. Period well will remain in

use 1 Months ☒ Years

12. For monitoring wells, is pump equipment to be installed?

Yes ☐ No ☒ X

(a) If yes, design pump capacity _____

(b) What use will be made of the water _____

13. Drilling firm:

BOYLES BROTHERS DRILLING
Name
6527 W. NORTHVIEW AVE.
Address
GLENDALE AZ 85301
City State Zip

DWR License No. 28

CLASS A-04 076-386-002
ROC License classification

14. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous material or petroleum storage areas and tanks?

Yes ☐ No ☒ X

DO NOT WRITE IN THIS SPACE
OFFICE RECORD

File No. D(4-9)28 DBB

Filed 3/31/95 By H

Input ENTERED APR 20 1995

DUPLICATE

Mailed 4/12/95 By H

Registration 55- 549164

AMANA PINAL

W/S 48 S/B 11

16. Proposed method of abandonment of well after project is completed: ACCORDING TO REGULATION R-12-75-816

17. Is this well to monitor existing contamination? No Potential contamination No Please explain:

GENERAL INSTRUCTIONS

- Fill out this form in **DUPLICATE** and send **WITH \$10.00 FEE** to 500 NORTH THIRD STREET, PHOENIX, AZ 85004
- For specific instructions, limitations and conditions, see the reverse side of this form.
- Must be signed by land owner or lessee.
- Section §45-596(D), provides that the Director shall determine that all information required on form has been submitted. If not, the person filing will be notified and the drilling, deepening, or modification of the well may not proceed.

I state that Notice is filed in compliance with Section § 45-596 and is complete and correct to the best of my knowledge and belief and that I understand the conditions set forth on the reverse side of this form.

Typed or Printed Name

Signature [] Land Owner [] Lessee of wellsite

Date

18. If construction plans have been coordinated with Arizona Department of Environmental Quality, who is the agency contact? _____
 If construction plans have been coordinated with Arizona Department of Water Resources, who is the agency contact? _____
19. WELL CONSTRUCTION PLAN
- a) Drilling method (mud rotary, hollow-stem auger, etc.) MUD ROTARY
- b) Borehole diameters: 13 3/4 inches from 0 feet to 20 feet.
8 3/4 inches from 20 feet to 515 feet.
- c) Casing materials (PVC, steel, hollow-stem auger, etc.)
 material STEEL diameter 9 5/8 inches from 0 feet to 20 feet
 material PVC SCHD 80 diameter 4 inches from 20 feet to 425 feet
- d) Method of sealing at reductions _____
- e) Annular seal materials (cement, grout, etc.); method of placement (tremied, circulated)
 material CEMENT GROUT method TREMIE from 0 feet to 20 feet
 material BENTONITE GROUT method TREMIE from 20 feet to 415 feet
- f) Filter packs (state material):
 material COLORADO SILICA SAND #6-9 MESH from 415 feet to 515 feet
 material _____ from _____ feet to _____ feet
- g) Perforations or screen specifications:
 type .080 INCH SLOT PVC SCHD 80 from 425 feet to 505 feet
 type _____ from _____ feet to _____ feet
- h) Method of well development (bail, air lift, surge) AIR LIFT AND JETTING
- i) Will surface or conductor casing extend above grade: Yes _____ No X
20. Include detailed construction diagram showing expected water depth in feet below land surface, and details of vault, if specified.

CONDITIONS

- I. Construction and abandonment standards for all wells shall be in accordance with A.A.C. R12-15-811 and R12-15-816.
- II. Drilling of the well shall be completed within one (1) year after the date of Notice.
- III. A Well Driller Report, is required within 30 days of completion of drilling. A Completion Report, is required to be filed with the Department within 30 days after installation of pump equipment for monitor wells.
- IV. Pump equipment may not be installed on a well drilled for piezometer purposes. If a monitor well is pumped, pumping is limited to the maximum amount required for monitor purposes, but in no case may exceed 35 gallons per minute and an annual volume of 10 acre feet total.
- V. A.A.C. Rule R12-15-811.H.2, requires that: "A monitor well shall be identified as such on the vault cover or at the top of the steel casing. Identification information will include well registration number."
- VI. Special construction standards required pursuant to A.A.C. Rule R12-15-821: _____

RECEIPT

No 21953

BROWN & CALDWELL
3636 N. CENTRAL AVE., STE. 300
PHOENIX, AZ 85012

MAGMA COPPER COMPANY

STATE OF ARIZONA
DEPARTMENT OF WATER RESOURCES
500 NORTH 3RD STREET
PHOENIX, ARIZONA 85004
(602) 417-2470

ENTRY CODE 55

55-547812

FILE NO. 55-549163

THRU

55-547808, 547810 THRU ~~XXXX~~

55-549167, 549129, 549130, 549132

ITEM DESCRIPTION	RATE	AMOUNT
FILING FEE FOR CHANGE OF DRILLER	10.00	120.00
REG. NO. 55-549163 THRU 55-549167, 549129, 549130, 549132,		
55-547808, 547810 THRU 55-547812		
FILE NO. VARIOUS		

PAID

CHECK NO. 7592

FEE ACCOUNT NO. _____

TOTAL \$ 120.00

CHIT NO. _____

RECEIVED BY _____

DB

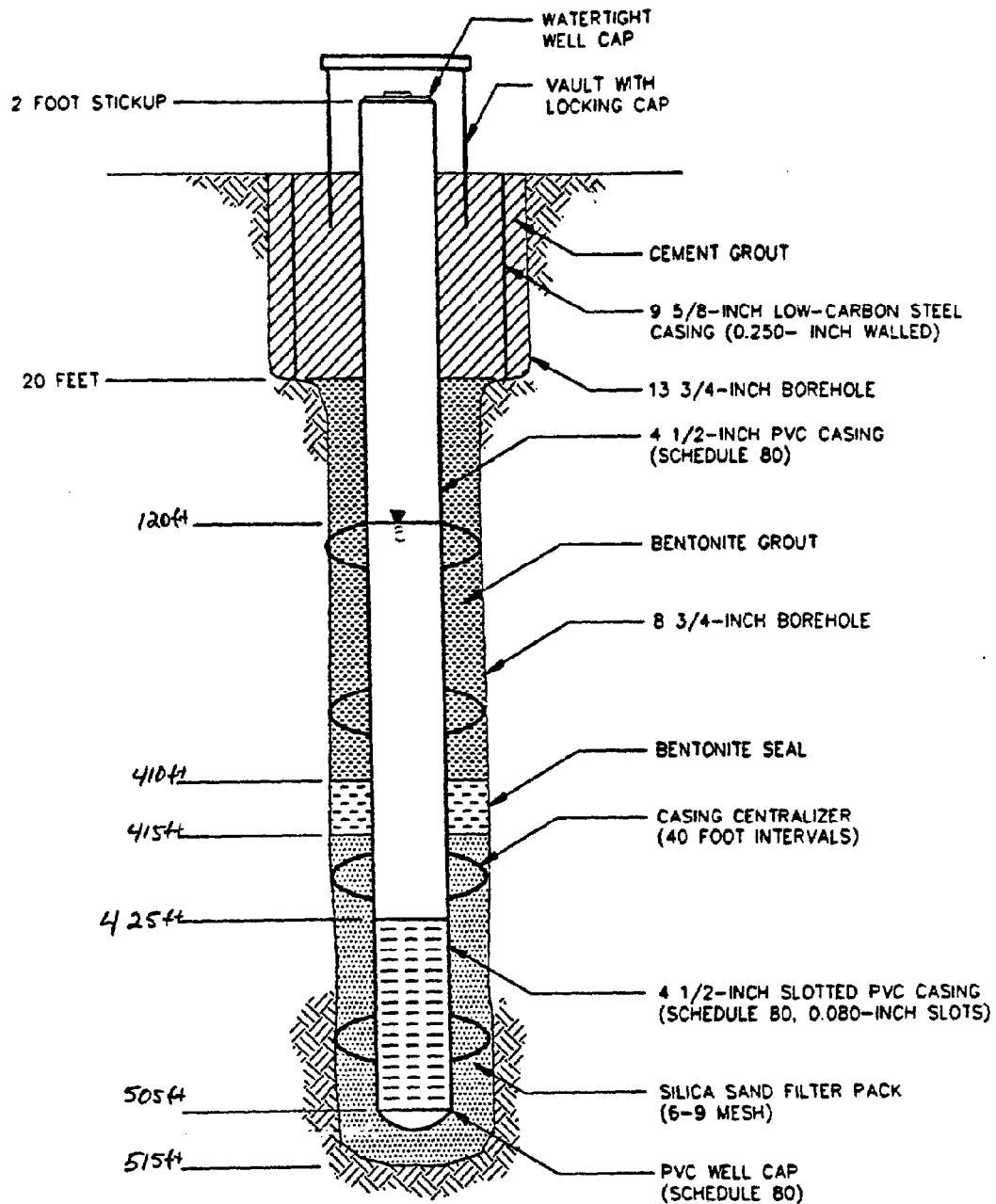
DATE 07-28-95

0813-1
0813-2
0813-3
0813-4

DEPARTMENT OF WR

MAR 31 1995

OPERATIONS DIV.



N.T.S.

NOTES:

1. PVC = POLYVINYL CHLORIDE
2. CASING DIMENSIONS ARE OUTSIDE DIAMETER

WELL DESIGN

BROWN AND CALDWELL

ARIZONA DEPARTMENT OF WATER RESOURCES

500 North Third Street, Phoenix, Arizona 85004

Telephone (602) 417-2470

Fax (602) 417-2401



PIFF SYMINGTON
Governor

RITA P. PEARSON
Director

April 12, 1995

Magma Copper Company
14605 West Hunt Highway
Florence, AZ 85232

RE: Registration No. 55-549164 thru 55-549167

File No. D(4-9)28DAA D B B

Dear Well Owner:

Enclosed for your records is an annotated copy of the Notice of Intention to Drill a well. This is returned to you as evidence of compliance with A.R.S. §45-596. A drilling card has been mailed to your designated driller. Prior to drilling he must have it in his possession.

Since this well is being drilled as a Monitor well, or for Cathodic Protection, Grounding, Geotechnical or Piezometer purposes, our standard driller report form is also being furnished to the driller. He is required to complete it and return it to the Department within 30 days after the completion of the well. A Completion Report form is being furnished for monitor wells where pump installation is authorized. This must be completed within thirty days of installation as required by A.R.S. §45-600.

A Change of Well Information form is enclosed for your future use. If you deem it necessary to change the location of the proposed well, please notify the Department on the enclosed form. A properly amended Drilling Card will then be issued and must be in possession of the driller before drilling begins. During the drilling of a new well, if it is determined that it must be abandoned, then a Well Abandonment Completion Report must be submitted per R12-15-816.F.

Per A.R.S. §45-593, the person to whom a well is registered shall notify this Department of a change of ownership of the well and/or information pertaining to the physical characteristics of the well, in order to keep the well registration file current and accurate.

For additional information, you may contact the Operations Division at (602) 542-1581.

Sincerely,

Dorothy Boggs
Groundwater Permit Specialist

RECEIPT

18495

BROWN & CALDWELL
3636 N. CENTRAL AVE., STE. 300
PHOENIX, AZ 85012

MAGMA COPPER COMPANY

STATE OF ARIZONA
DEPARTMENT OF WATER RESOURCES
OPERATIONS DIVISION
15 SOUTH 15TH AVENUE
PHOENIX, ARIZONA 85007
(602) 542-1581

ENTRY CODE 55

FILE NO. 55-549128

THRU 55-549182

ITEM DESCRIPTION	RATE	AMOUNT
FILING FEE FOR NOI TO DRILL A WELL	10.00	550.00
REG. NO. 55-549128 THRU 55-549182		
FILE NO. VARIOUS		

PAID

CHECK NO. 7548 FEE ACCOUNT NO. _____ TOTAL \$ 550.00

CHIT NO. _____ RECEIVED BY DB DATE 04-12-95

IPS 1821 - Rev. 4/91

**ARIZONA DEPARTMENT OF WATER RESOURCES
OPERATIONS DIVISION**

500 North Third Street
Phoenix, Arizona 85004-3903
Phone (602) 417-2470

DUPLICATE

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILL OPERATIONS

WELL REGISTRATION NO. 55-549164 THRU 55-549167

AUTHORIZED DRILLER: BOYLES BROTHERS DRILLING

LICENSE NO. 28

NOTICE OF INTENTION TO DRILL A MONITOR WELL HAS BEEN FILED WITH THE DEPARTMENT BY:

Owner of Well(s)

MAGMA COPPER COMPANY

14605 WEST HUNT HIGHWAY

FLORENCE

AZ 85232

The well(s) is/are to be located in:

NW NE 1/4 NE 1/4 SE 1/4
10 acre 40 acre 160 acre

Section 28

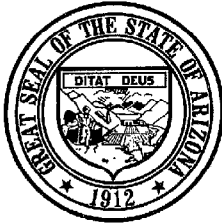
Township 4.0 SOUTH

Range 9.0 EAST

NUMBER OF WELLS IN PROJECT: 4

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON MAR 30TH, 1996

THE DRILLER SHALL FILE A LOG OF THE WELL WITHIN 30 DAYS OF
COMPLETION OF DRILLING.




CHIEF, OPERATIONS DIVISION